

**Day 1 – Introduction**

8:00 – 8:30	<b>Introductions</b> – Name, Class Expectations
8:30 – 9:00	<b>Background Information – Definitions</b> <ul style="list-style-type: none"><li>• What is a dynamic site?</li><li>• What is a dynamic element?</li><li>• What is a database?</li><li>• What is ColdFusion?</li><li>• How can you use ColdFusion?</li><li>• Why are we using ColdFusion? Why not PHP and ASP.NET, JavaScript – what does BCT support?</li></ul>
9:00 – 10:00	<b>Exercise – Create a simple database using MS Access</b>
10:00 – 10:15	<b>BREAK</b>
10:15 – 10:45	<b>Exercise – Install ColdFusion server on your PC</b> <ul style="list-style-type: none"><li>• Web server and</li><li>• ColdFusion server</li></ul>
10:45 – 11:00	<b>Exercise – Making Connections</b> <ul style="list-style-type: none"><li>• Define a database connection using ColdFusion Administrator (using three different databases)</li></ul>
11:00 – 11:15	<b>Exercise – Define a Dreamweaver/ColdFusion site</b>
11:15 – 11:45	<b>Background Information – Dreamweaver forms</b> <ul style="list-style-type: none"><li>• What is an on-line form?</li><li>• Demo of ColdFusion site - how does it work?</li><li>• Data Validation</li></ul>
11:45 – 1:00	<b>LUNCH</b>
1:00 – 2:00	<b>Exercise – Build simple forms using Dreamweaver</b>
2:00 – 2:30	<b>Demonstration</b> – An introduction to SQL
2:30 – 2:45	<b>BREAK</b>
2:45 – 3:15	<b>Demonstration</b> – An introduction to SQL

- 3:15 – 4:00      **Demonstration** – Using ColdFusion in the Dreamweaver MX Interface
- 4:00 – 5:00      **Discussion** – Students describe their database and what they want to do with it.

## **Day 2 – Exercises**

- 8:00 – 8:30      **Review of Day 1**
- 8:30 – 9:00      **Background information – Collecting Information**
- Collecting information
  - FWS policy
- 9:00 – 10:00      **Exercise – How to Do Queries in MS Access and ColdFusion** (simple query – Migratory birds db)  
Passing data – using the URL to pass data  
Cookies
- 10:00 – 10:15      **BREAK**
- 10:15 – 10:45      **Exercise – How to Do Queries in MS Access and ColdFusion** (simple query – Migratory birds db)  
Passing data – using the URL to pass data  
Cookies
- 10:45 – 12:00      **Exercise – How to Do Queries in MS Access and ColdFusion** (complex query – Pallid Sturgeon db)
- 12:00 – 1:00      **LUNCH**
- 1:00 – 2:00      **Exercise – How to Add and Edit Records**  
(in MS Access or ColdFusion)
- 2:00 – 2:30      **Exercise – Using the FWS Search Engine/plugging their code into your site**
- 2:30– 2:45      **BREAK**
- 2:45 – 3:15      **Exercise – Exit Message and Comment Form**
- 3:15 – 5:00      **Lab Time**
- 7:00 – 9:00      **Optional Lab Time**

### **Day 3 – Lab Time/Additional Information**

8:00 – 8:30	<b>Review of Day 2</b>
8:30 – 10:30	<b>Lab Time</b>
10:30 – 10:45	<b>BREAK</b>
10:45 – 11:15	<b>Background information – Publishing Your Site</b> <ul style="list-style-type: none"><li>• Documenting your site</li><li>• BCT Procedures</li><li>• MySQL Demo</li></ul>
11:15 – 12:00	<b>Lab Time</b>
12:00 – 1:00	<b>LUNCH</b>
1:00 – 1:15	<b>Demo – ISAM</b>
1:15 – 1:45	<b>Background information – Analyzing Information</b> <ul style="list-style-type: none"><li>• Interpreting Site Statistics</li></ul>
1:45 – 3:00	<b>Exercise - Dreamweaver Library Items</b> <b>Exercise - Dreamweaver Templates</b> <b>Exercise - Include files and application.cfm</b>